



## ***HIV/AIDS Surveillance Summary, Vol. 18, No. 2***

### **HIV Surveillance Program**

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# Wyoming HIV/AIDS Surveillance Summary Cumulative, 1984 through December 31, 2009

**Table 1. Number of cases and deaths<sup>a</sup> by status and age category, Wyoming, 1984 through December 31, 2009**

Status	Adults or adolescents				Children (<13 yrs)				Total			
	No.	%	Deaths	%	No.	%	Deaths	%	No.	%	Deaths	%
<b>HIV infection (not AIDS)</b>	106	30	9	8	3	50	0	0	109	30	9	8
<b>AIDS - Immunologic</b>	133	37	49	37	1	17	1	100	134	37	50	37
<b>AIDS - All others</b>	116	33	93	80	2	33	1	50	118	33	94	80
<b>Total</b>	355	100	151	43	6	100	2	33	361	100	153	42

AIDS immunologic case definition: CD4 count <200 cells/μl or CD4 percent <14% of total lymphocytes.

AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

**Table 2. Number of cases by age at diagnosis and sex<sup>b</sup>, Wyoming, 1984 through December 31, 2009**

Age at diagnosis (yrs)	Male		Female		Total	
	No.	%	No.	%	No.	%
<b>&lt;13</b>	<5	-	<5	-	6	2
<b>13-24</b>	34	12	10	14	44	12
<b>25-44</b>	191	66	43	61	234	65
<b>45-64</b>	59	20	13	19	72	20
<b>&gt;=65</b>	<5	-	<5	-	5	1
<b>Total</b>	291	-	70	-	361	100

**Table 3. Number of cases by race/ethnicity<sup>c</sup>, Wyoming, 1984 through December 31, 2009**

Race/ethnicity	Total	
	No.	%
<b>Hispanic, All races</b>	33	9
<b>Not Hispanic, American Indian/Alaska Native</b>	14	4
<b>Not Hispanic, Black or African American</b>	22	6
<b>Not Hispanic, White</b>	285	79
<b>Not Hispanic, Multi-race</b>	5	1
<b>Other/Unknown</b>	2	1
<b>Total</b>	361	100

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

<sup>a</sup>Deaths among persons reported in the selected time period.

<sup>b</sup>Data exclude (0) persons with missing or unknown sex.

<sup>c</sup>Data exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

# Wyoming HIV/AIDS Surveillance Summary Cumulative, 1984 through December 31, 2009

Table 4a. Number of cases among adults or adolescents by transmission category and sex<sup>d</sup>, Wyoming, 1984 through December 31, 2009

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	181	63	0	0	181	51
Injection drug use	37	13	20	29	57	16
Male-to-male sexual contact and injection drug use	35	12	0	0	35	10
Hemophilia/coagulation disorder	3	1	1	1	4	1
Heterosexual contact	5	2	39	57	44	12
Receipt of blood, components, or tissue	3	1	3	4	6	2
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) <sup>f</sup>	9	3	4	6	13	4
No risk factor reported (NRR) <sup>g</sup>	14	5	1	1	15	4
Total	287	100	68	100	355	100

Table 4b. Number of cases among children <13 years by transmission category<sup>e</sup>, Wyoming, 1984 through December 31, 2009

Transmission category	Total	
	No.	%
Hemophilia/coagulation disorder	0	0
Mother with/at risk for HIV infection	4	67
Receipt of blood, components, or tissue	1	17
Other risk factor reported	0	0
No identified risk factor (NIR) <sup>f</sup>	1	17
No risk factor reported (NRR) <sup>g</sup>	0	0
Total	6	100

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

<sup>d</sup>Data exclude (0) adults or adolescents with unknown or missing sex.

<sup>e</sup>Data exclude (0) children <13 years with unknown or missing sex.

<sup>f</sup>NIR: After one year, or after investigation, no risk factor identified.

<sup>g</sup>NRR: No risk factor reported at the time of initial report.

# Wyoming HIV/AIDS Surveillance Summary Cumulative, 1984 through December 31, 2009

Table 5. Number of cases, deaths<sup>h</sup>, and case fatality rates by time of diagnosis, Wyoming, 1984 through December 31, 2009

Time of diagnosis	No.	Deaths	Case fatality rate %
<b>Before 1985</b>	3	3	100
<b>1985</b>	8	7	88
<b>1986</b>	10	10	100
<b>1987</b>	12	9	75
<b>1988</b>	11	10	91
<b>1989</b>	22	18	82
<b>1990</b>	22	15	68
<b>1991</b>	23	18	78
<b>1992</b>	16	11	69
<b>1993</b>	15	6	40
<b>1994</b>	13	8	62
<b>1995</b>	15	7	47
<b>1996</b>	13	4	31
<b>1997</b>	15	4	27
<b>1998</b>	11	5	45
<b>1999</b>	9	1	11
<b>2000</b>	6	3	50
<b>2001</b>	11	0	0
<b>2002</b>	19	4	21
<b>2003</b>	12	1	8
<b>2004</b>	17	5	29
<b>2005</b>	11	1	9
<b>2006</b>	12	1	8
<b>2007</b>	14	1	7
<b>2008</b>	23	1	4
<b>2009</b>	18	0	0
<b>Total</b>	361	153	42

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.  
Note. Data exclude cases missing age at diagnosis.

<sup>h</sup>Deaths among persons reported in the selected time period.

# Wyoming HIV/AIDS Surveillance Summary Cumulative, 1984 through December 31, 2009

Table 6. Number of cases by county of residence at diagnosis, Wyoming, Cumulative, 1984 through December 31, 2009

Residence at diagnosis		
County	No.	%
Albany	32	8.9
Big Horn	1	0.3
Campbell	16	4.4
Carbon	20	5.5
Converse	8	2.2
Crook	4	1.1
Fremont	27	7.5
Goshen	13	3.6
Hot Springs	3	0.8
Johnson	1	0.3
Laramie	96	26.6
Lincoln	9	2.5
Natrona	46	12.7
Niobrara	2	0.6
Park	5	1.4
Platte	5	1.4
Sheridan	11	3.0
Sublette	2	0.6
Sweetwater	24	6.6
Teton	21	5.8
Uinta	12	3.3
Washakie	0	0.0
Weston	3	0.8
Total	361	100.0

# Wyoming HIV/AIDS Surveillance Summary January 1 through December 31, 2009

**Table 1. Number of cases and deaths<sup>a</sup> by status and age category, Wyoming, January through December 2009**

Status	Adults or adolescents				Children (<13 yrs)				Total			
	No.	%	Deaths	%	No.	%	Deaths	%	No.	%	Deaths	%
HIV infection (not AIDS)	13	57	0	0	0	0	0	0	13	57	0	0
AIDS – Immunologic	8	35	0	0	0	0	0	0	8	35	0	0
AIDS – All Others	2	9	0	0	0	0	0	0	2	9	0	0
<b>Total</b>	<b>23</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>100</b>	<b>0</b>	<b>0</b>

AIDS immunologic case definition: CD4 count <200 cells/μl or CD4 percent <14% of total lymphocytes.

AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

**Table 2. Number of cases by age at diagnosis and sex<sup>b</sup>, Wyoming, January through December 2009**

Age at diagnosis (yrs)	Male		Female	
	No.	%	No.	%
<13	0	0	0	0
13-24	<5	-	<5	-
25-44	11	61	<5	-
45-64	6	33	<5	-
>=65	<5	-	<5	-
<b>Total</b>	<b>18</b>	<b>-</b>	<b>5</b>	<b>-</b>

**Table 3. Number of cases by race/ethnicity<sup>c</sup>, Wyoming, January through December 2009**

Race/ethnicity	Total	
	No.	%
Not Hispanic, White	18	78
Other/Unknown	5	22
<b>Total</b>	<b>23</b>	<b>100</b>

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

<sup>a</sup>Deaths among persons reported in the selected time period.

<sup>b</sup>Data exclude (0) persons with missing or unknown sex.

<sup>c</sup>Data exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

# Wyoming HIV/AIDS Surveillance Summary January 1 through December 31, 2009

Table 4. Number of cases among adults or adolescents by transmission category and sex<sup>d</sup>, Wyoming, January through December 2009

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	12	67	0	0	12	52
Injection drug use	1	6	0	0	1	4
Male-to-male sexual contact and injection drug use	1	6	0	0	1	4
Hemophilia/coagulation disorder	0	0	0	0	0	0
Heterosexual contact	0	0	5	100	5	22
Receipt of blood, components, or tissue	0	0	0	0	0	0
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) <sup>f</sup>	0	0	0	0	0	0
No risk factor reported (NRR) <sup>g</sup>	4	22	0	0	4	17
Total	18	100	5	100	23	100

Table 5. Number of cases, deaths<sup>e</sup>, and case fatality rates by time of diagnosis, Wyoming, January through December 2009

Time of diagnosis	No.	Deaths	Case fatality rate %
2008	2	0	0
2009	21	0	0
Total	23	0	0

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

<sup>d</sup>Data exclude (0) adults or adolescents with unknown or missing sex.

<sup>e</sup>Deaths among persons reported in the selected time period.

<sup>f</sup>NIR: After one year, or after investigation, no risk factor identified.

<sup>g</sup>NRR: No risk factor reported at the time of initial report.

**Wyoming HIV/AIDS Surveillance Summary**  
**Cumulative, January 1 through December 31, 2009**

**Table 6. Number of cases by county of residence at diagnosis, Wyoming, January through December 2009**

Residence at diagnosis		
County	No.	Percent
Albany	0	0
Big Horn	0	0
Campbell	1	4
Carbon	3	13
Converse	3	13
Crook	0	0
Fremont	1	4
Goshen	0	0
Hot Springs	0	0
Johnson	0	0
Laramie	7	30
Lincoln	0	0
Natrona	3	13
Niobrara	0	0
Park	1	4
Platte	0	0
Sheridan	0	0
Sublette	0	0
Sweetwater	1	4
Teton	0	0
Uinta	3	13
Washakie	0	0
Weston	0	0
Total	23	100



# Wyoming HIV/AIDS Surveillance Summary

## HIV/AIDS Prevalence\* as of December 31, 2009

**Table 1. Table 1. Number of cases and deaths<sup>a</sup> by status and age category, Wyoming, December 2009**

Status	Adults or adolescents		Children (<13 yrs)		Total	
	No.	%	No.	%	No.	%
<b>HIV infection (not AIDS)</b>	99	46	4	67	103	46
<b>AIDS - Immunologic</b>	88	41	0	0	88	40
<b>AIDS - All others</b>	29	13	2	33	31	14
<b>Total</b>	216	100	6	100	222	100

AIDS immunologic case definition: CD4 count <200 cells/μl or CD4 percent <14% of total lymphocytes.  
AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

**Table 2. Number of prevalent cases by age at diagnosis, Wyoming, December 2009**

Age at diagnosis (yrs)	Total	
	No.	%
<b>&lt;13</b>	6	3
<b>13-24</b>	19	9
<b>25-44</b>	156	70
<b>45-64</b>	40	18
<b>&gt;=65</b>	<5	-
<b>Total</b>	222	-

**Table 3. Number of prevalent cases by race/ethnicity<sup>b</sup>, Wyoming, December 2009**

Race/ethnicity	Total	
	No.	%
<b>Hispanic, All races</b>	29	13
<b>Not Hispanic, American Indian/Alaska Native</b>	10	5
<b>Not Hispanic, Black or African American</b>	17	8
<b>Not Hispanic, White</b>	159	72
<b>Not Hispanic, Multi-race</b>	5	2
<b>Other/Unknown</b>	2	1
<b>Total</b>	222	100

\*Individuals living with HIV/AIDS in Wyoming. Includes Wyoming and non-Wyoming cases.

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

<sup>a</sup>Deaths among persons reported in the selected time period.

<sup>b</sup>Data exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

# Wyoming HIV/AIDS Surveillance Summary

## HIV/AIDS Prevalence\* as of December 31, 2009

Table 4a. Number of prevalent cases among adults or adolescents by transmission category and sex<sup>c</sup>, Wyoming, December 2009

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	103	63	0	0	103	48
Injection drug use	25	15	11	21	36	17
Male-to-male sexual contact and injection drug use	17	10	0	0	17	8
Hemophilia/coagulation disorder	1	1	1	2	2	1
Heterosexual contact	4	2	31	60	35	16
Receipt of blood, components, or tissue	1	1	0	0	1	0
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) <sup>e</sup>	8	5	7	13	15	7
No risk factor reported (NRR) <sup>f</sup>	5	3	2	4	7	3
Total	164	100	52	100	216	100

Table 4b. Number of prevalent cases among children <13 years by transmission category<sup>d</sup>, Wyoming, December 2009

Transmission category	Total	
	No.	%
Hemophilia/coagulation disorder	0	0
Mother with/at risk for HIV infection	5	83
Receipt of blood, components, or tissue	0	0
Other risk factor reported	0	0
No identified risk factor (NIR) <sup>f</sup>	1	17
No risk factor reported (NRR) <sup>g</sup>	0	0
Total	6	100

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

<sup>c</sup>Data exclude (0) adults or adolescents with unknown or missing sex.

<sup>d</sup>Data exclude (0) children <13 years with unknown or missing sex.

<sup>e</sup>NIR: After one year, or after investigation, no risk factor identified.

<sup>f</sup>NRR: No risk factor reported at the time of initial report.